

WILTON PowRARM

work positioners



**INDUSTRY'S VERSATILE "THIRD HAND"
FOR POSITIONING, HOLDING, AND ASSEMBLING**

PowRarm "WRIST ACTION"

**PUTS THE WORKPIECE WHERE YOU WANT IT . . . AND
HOLDS IT TIGHT TO SAVE TIME, FATIGUE AND BOOST PRODUCTION**

PowRarm assures versatile positioning of the workpiece and full use of **both hands** — an important advantage when working on intricate and delicate electronic assemblies.



There are many ways to step up work output, increase employee efficiency and automate standard production methods — but none can contribute so much for so little as a Wilton PowRarm work positioner. And there are many sound reasons why — in addition to the advantages of PowRarm full-swiveling, 360° deadlock work positioning:

Initial cost is low! When you put a PowRarm on the job, it does not require a major expenditure. The initial cost is so low it usually comes under the heading of "tools."

Installation costs are near zero! PowRarm fits into any department or production line without a ripple. Just bring it in, set it up and use it. Bench or conveyor alterations are seldom necessary. No costly lost time during installation.

Production levels rise! — and remain high throughout the day. On the production line, on the workbench, PowRarm eliminates most man-handling of assemblies. You clamp the piece in position just once — from then on PowRarm carries the weight. You can reposition the workpiece quickly, as often as you want with all the flexibility of PowRarm "wrist action." You work with both hands — faster and easier all day.

Rejects decrease! On intricate assemblies where slips are costly, PowRarm can easily pay for itself on the first assignment. The workpiece is always rock steady, the position is always exactly right for the tool and the operation.

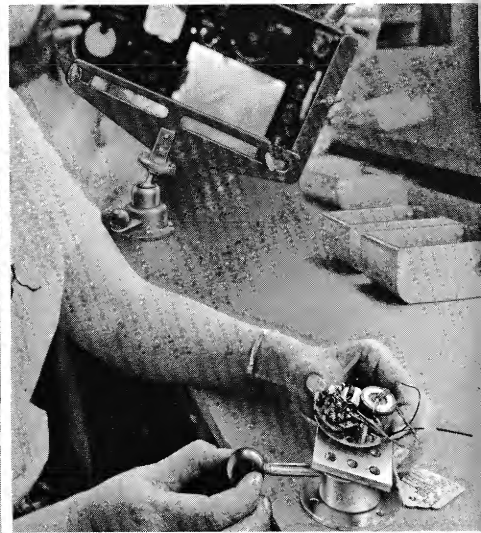
PowRarm versatility is ideal for research and development! Wide choice of types and models, plus a full range of accessories and attachments make Wilton PowRarm the most versatile work positioner available. This adaptability is especially important in research where work requirements change from day to day.



PowRarm's low cost and exceptional versatility makes it practical for assembly line applications. Compact design permits easy mounting for portable applications.



PowRarm meets the needs of fixed job locations. An example: this assembly operation where the workpiece is quickly positioned and locked securely for one or more operations.



PowRarm attachments provide a wide range of capacities for small and large workpieces, shapes and sizes. Good reason why PowRarm meets the varied needs of experimental and research work.

**TWO
BRAND
NEW**

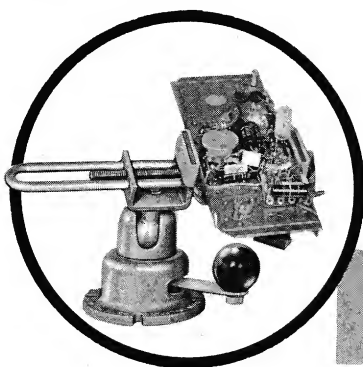
PowRarm *WORK POSITIONERS*

NEW! ELECTRONIC VISE FOR SMALL ASSEMBLIES AND PRINTED CIRCUIT BOARDS

This is the vise designed specially for electronics work. It combines the strength of heavy gauge steel construction, the rigidity of double slide bars, and the gentle, sure grip of rubber-wrapped jaws. It's ruggedly built to last, but weighs only 2 lbs. It's compact, but holds workpieces to 6½" wide. It saves big production dollars with its versatility, but costs only \$5.65.

Mount this handy vise on a Midget PowRarm and Wilton's new steel Bench Clamp No. 356 and you have a complete, portable assembly station that takes less than a square foot of bench space! And costs little more than \$15.00!

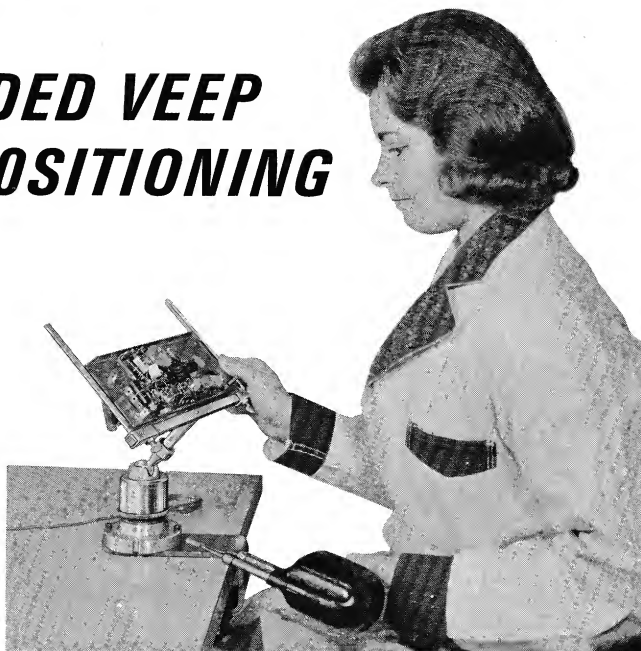
Match this Electronic Vise to any light-to-medium weight assembly by mounting on any of four PowRarms. Vise fits No. 340, 344, 343, and 345 PowRarms.



NEW! *SPRING-LOADED VEEP* *FOR FASTEST REPOSITIONING*



PowRarm is available with a wide selection of adjustable printed circuit holders to meet any requirement. Holders are designed for quick, secure placement of the workpiece.



Look no hands! This new PowRarm is different! It's spring-loaded to eliminate manual adjustments when repositioning. Just move the workpiece to the proper work angle, and the built-in spring tensioner takes over, secures the angle until you reposition the workpiece. Pre-select tension from 3 to 15 lbs. with adjustable lock ring.

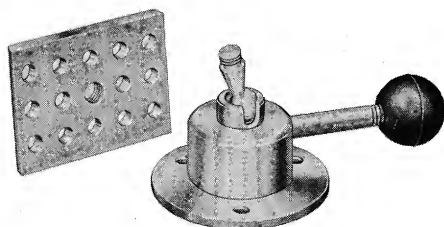
Same husky construction as the popular 344 PowRarm; same attachment and accessory versatility. The spring-loaded VEEP 340 is the perfect mate for Wilton printed circuit holders (Such as the No. 369 Holder shown), and for all operations where constant freedom of both hands is desirable.



New SPRING-LOADED VEEP NO. 340 FOR SUPER FAST REPOSITIONING

No manual adjustment — no handle. Just pre-select tension from 3 to 15 lbs. with adjustable lock ring. From then on, new work positioning is instantaneous without further adjustment. New Veep No. 340 is recommended for light production assembly and for electronic applications which often require constant freedom of both hands. All steel body is cadmium plated to resist corrosion. Convenient $\frac{1}{2}$ " receptacle with set screw for fastening vise on fixture. All attachments are interchangeable with Veep No. 344.

Catalog Number	340
Maximum Work	
Weight	15 lbs. at 6"
Base Diameter	$3\frac{3}{4}$ "
Overall Height	$4\frac{3}{4}$ "
Shipping Weight	3 lbs.
Price	\$11.30



MIDGET NO. 345

New design increases capacity and provides more positive lock. Fast on-off action with horizontal handle. Recommended for intricate electronic work including small printed circuits. Perforated aluminum work plate $1\frac{3}{4}$ " x $2\frac{1}{2}$ " is packed separately, permits fixturing directly to 5/16-24" stud, or ready assembly to plate. All parts are steel, cadmium plated.

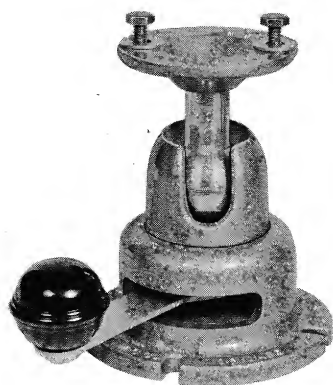
Catalog Number	345
Maximum Work	
Weight	9 lbs. at 6"
Base Diameter	$2\frac{1}{2}$ "
Overall Height	$1\frac{1}{4}$ "
Shipping Weight	1 lb.
Price	\$5.60



VEEP NO. 344

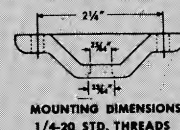
More work holding capacity, (up to 20 lbs.) and faster on-off action with completely new design. Horizontal handle is easily accessible and well below level of work. Convenient $\frac{1}{2}$ " receptacle with set screw for fastening vise, printed circuit holder or special fixture. All steel body is cadmium plated.

Catalog Number	344
Maximum Work	
Weight	20 lbs. at 6"
Base Diameter	$3\frac{3}{4}$ "
Overall Height	$4\frac{1}{2}$ "
Shipping Weight	3 lbs.
Price	\$9.40

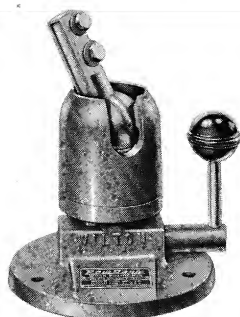


JUNIOR NO. 343

Medium duty positioner ideal for electronics and aircraft work — recommended for use with Wilton precision vise No. 20 or electronic vise No. 352. Fast on-off action with horizontal-moving locking handle. Body is cast aluminum with steel parts cadmium plated. Can be used with work weighing up to 30 lbs.

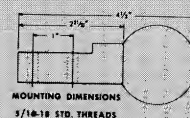


Catalog Number	343
Maximum Work	
Weight	30 lbs. at 6"
Base Diameter	$4\frac{1}{2}$ "
Overall Height	$5\frac{1}{4}$ "
Shipping Weight	4 lbs.
Price	\$14.80



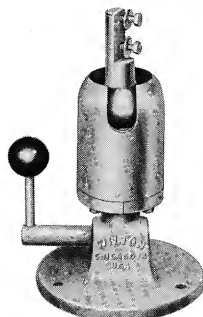
LOW-BOY NO. 311

Designed for fast assembly operations and work weighing up to 50 lbs. It brings the work closer to the bench or conveyor belt, permits a seated operator to work faster with less fatigue. Mounting dimensions are identical to models 301 and 303 — attachments and vise combinations are interchangeable.



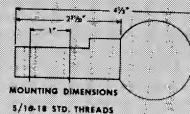
Catalog Number 311

Maximum Work
Weight 50 lbs. at 12"
Base Diameter 6"
Overall Height 5 1/2"
Shipping Weight 10 lbs.
Price \$24.90



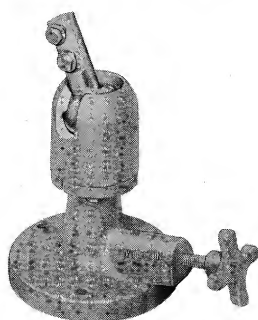
MECHANICAL NO. 301

Extra-strong, heavier duty positioner with exceptionally fast on-off action for high production assembly line applications. Body is machined from semi-steel — all steel parts are cadmium plated for corrosion resistance. Recommended for work weighing up to 70 lbs.



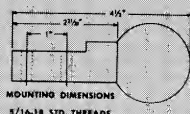
Catalog Number 301

Maximum Work
Weight 70 lbs. at 12"
Base Diameter 6"
Overall Height 8 1/2"
Shipping Weight 13 lbs.
Price \$29.60



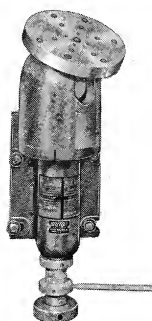
HYDRAULIC NO. 303

Similar in size and strength to model 301, except that hydraulic locking action increases work capacity to 150 lbs. Hydraulic system is hand-operated, self-contained, and sealed with cups easily replaced after 3 to 5 years. The 303 is rated for heavy duty assembly, welding, maintenance, and tool room applications. Hydraulic system permits repositioning work under partial tension which helps in handling heavier workpieces.



Catalog Number 303

Maximum Work
Weight 150 lbs. at 12"
Base Diameter 6"
Overall Height 7"
Shipping Weight 15 lbs.
Price \$44.50

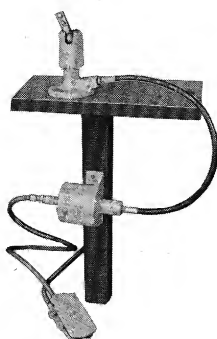


HEAVY DUTY NO. 302

Largest PowRarm — handles over a quarter ton. It can be mounted vertically or horizontally. Body is machined from unbreakable Meehanite casting with steel parts cadmium plated. Self-contained hydraulic system is sealed with cups which are easily replaced after 3 to 5 years. Secondary control is provided for setting partial tension below which main control cannot release — permits repositioning workpieces under tension. Blueprint available on request.

Catalog Number 302

Maximum Work
Weight 600 lbs. at 12"
Base Dimensions 6 1/2" x 9"
Overall Height 6 1/2"
Shipping Weight 76 lbs.
Price \$228.00



AIR/HYDRAULIC NO. 394

This power-operated version of the 303 permits constant freedom of both hands. Hydraulic pressure is supplied by booster and activated by factory air line pressure to 100 psi. Foot air valve locks and unlocks instantly. Ideal for high speed, heavy work assembly. Price includes air/hydraulic booster, cylinder, foot valve, hoses and fittings.

Catalog Number 394

Maximum Work
Weight 130 lbs. at 12"
Shipping Weight 52 lbs.
Price \$135.00

PowRarm accessories

POWRARM ACCESSORIES

New

STEEL BENCH CLAMP



All steel bench clamp attaches quickly and securely to bench tops up to 2" thick. Drilled and tapped for versatile mounting of 340, 343, 344 and 345 PowRarm units.

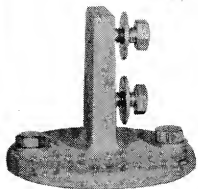
Catalog Number	356
To fit PowRarm Type	340, 343, 344 & 345
Price	\$4.40



BENCH CLAMP

For field service and temporary shop installation. Securely fastens PowRarm to bench top, yet eliminates need for bolt holes. Fits 311, 301 and 303 PowRarms. Adjustable for bench tops up to 3 1/4" thick.

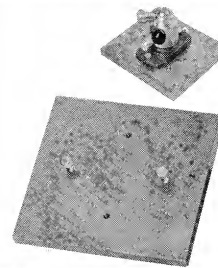
Catalog Number	347
To fit PowRarm Type	311, 301 & 303
Price	\$5.60



"T" BRACKET

For interchangeability of attachments between Junior PowRarm 343, and larger models 301, 311 and 303. Mounting holes on stem are 5/16-18 with 1" centers; holes on round portion are 1/4" with 2 1/4" centers.

Catalog Number	349
Price	\$1.30



BASE EXTENSION PLATE

Weighted 5 lb. steel plate 6" x 6" drilled and tapped for mounting Junior 343 and Veep 340 and 344 PowRarms. Eliminates need to bolt or clamp PowRarm to bench top. Provides solid footing, yet can be pushed along the bench from station to station.

Catalog Number	348
Price	\$1.50

POWRARM ATTACHMENTS

UNIVERSAL POSITIONER STAND

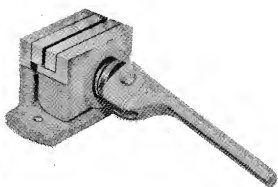
Performs essentially the same duties as smaller models of Wilton PowRarm. Single knob control on vertical shaft permits height adjustment of workpiece, as well as 360 degrees horizontal rotation, and compound angle settings. May be mounted direct to bench or to Base Extension Plate No. 348 for portability. Holds both Printed Circuit Holders No. 369 and 384, Rotating Tension Fixture No. 382, or any 1/2" diameter shaft.



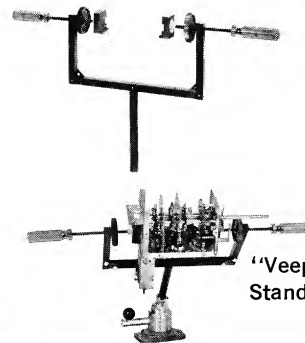
Catalog Number	383
Maximum Work Weight at 8"	15 lbs.
Overall Height	10 1/4"
Base Diameter	5"
Shipping Weight	2 1/2 lbs.
Price	\$9.95

CAM-ACTING VISE

For very light work only. High speed action is ideal for soldering and other light production. Opening adjustable to 3/8". Fibre jaws 2" wide will not chip or burn. Mounts directly to Junior PowRarm No. 343.



Catalog Number	308
Shipping Weight	.4 lbs.
Price	\$9.30



ROTATING TENSION FIXTURE

Rotates 360 degrees for quick accessibility to all sides. Neoprene clamping pads adjust from 0" to 6". Mounts directly on "Veep" 344, 340, or Universal Positioner Stand No. 383.

Catalog Number	382
Width of Adjustment	0" - 6"
Height of Posts	5"
Shipping Weight	2 lbs.
Price	\$10.70

POWRARM FLOOR STAND

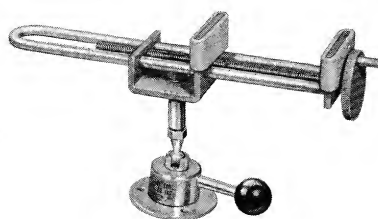
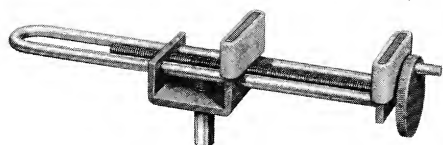
For use where space does not permit work benches. Available both hand and foot operated, complete with PowRarm or independent. Foot operated type has fixed height of 36" plus PowRarm. Hand operated type adjustable from 37" to 45" net height. Base has 3 holes for bolting to floor.



Catalog Number	355
To fit PowRarm Types	301, 303, 311 & 343
Shipping Weight	28 lbs.
Price	\$19.60

and attachments

New ELECTRONIC VISE



Designed for small sub-assemblies and printed circuit boards, this new vise holds work firmly but gently. Jaws are rubber protected. It is constructed of heavy gauge steel with double slide bars — opening adjusts quickly and precisely with crank handle. Attaches directly to Midget PowRarm No. 345 as illustrated, or Veep PowRarms No. 340, 344; also Junior PowRarm No. 343 by removing top plate.

Catalog Number, Vise Only 352

Jaw Width 2 1/8"

Jaw Opening 6 1/2"

Shipping Weight 2 lbs.

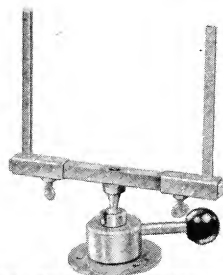
Price \$5.65

Catalog Number, Vise with No. 345 PowRarm 353

Shipping Weight 3 lbs.

Price \$11.25

NEW! MINIATURE ADJUSTABLE PRINTED CIRCUIT HOLDER



Mounts directly on Midget No. 345 as illustrated. This compact assembly is designed for low cost printed circuit production. Brackets adjust horizontally 3" to 6". Vertical posts are V-grooved (1/8" wide, 3/16" deep) for speedy insertion and removal of workpiece, without adjusting posts.

Catalog Number, Holder Only 359

Width Adjustment 3" - 6"

Height of Posts 4"

Shipping Weight 1 lb.

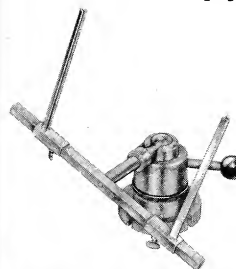
Price \$3.20

Catalog Number, Holder with No. 345 PowRarm 371

Shipping Weight 2 lbs.

Price \$8.80

STANDARD ADJUSTABLE PRINTED CIRCUIT HOLDER



Bracket adjusts horizontally from 3" to 10". Vertical posts are V-grooved 1/8" wide to 3/16" deep — allows workpieces to be inserted and removed quickly without adjusting vertical posts. Holder permits free access to circuit from both sides in any position. Can be mounted direct to Veep PowRarm No. 344 as illustrated, or 340.

Catalog Number, Holder Only 369

Width Adjustment 3" - 10"

Height of Posts 6"

Shipping Weight 1 1/2 lbs.

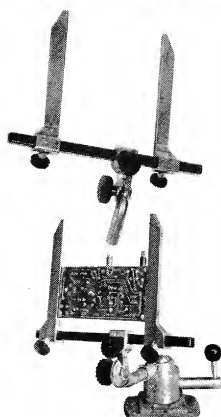
Price \$3.50

Catalog Number, Holder with No. 344 PowRarm 372

Shipping Weight 5 lbs.

Price \$12.90

VERTICAL ADJUSTABLE PRINTED CIRCUIT HOLDER



Permits 360 degrees vertical axial movement, including angles below horizontal. Arms adjust from 1 1/4" to 8", are "V" grooved. One arm is spring-loaded for fast insertion and removal of work with readjustment. Mounts directly on "Veep" 344, 340, or Universal Positioner Stand No. 383.

Catalog Number 384

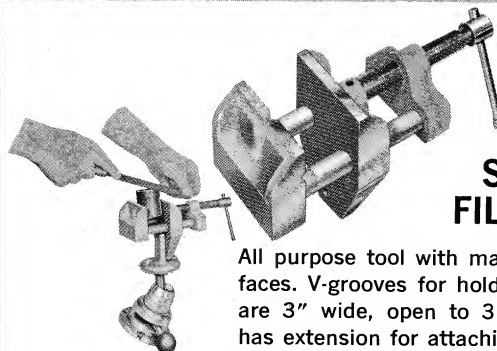
Width Adjustment 1 1/4" - 8"

Height of Posts 6"

Shipping Weight 1 lb.

Price \$13.50

STANDARD FILER'S VISE



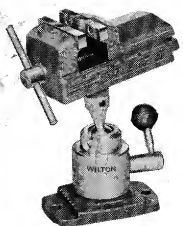
All purpose tool with machined sides and faces. V-grooves for holding rounds. Jaws are 3" wide, open to 3". Center casting has extension for attaching to models No. 311, 301, and 303. "T"-bracket required with model No. 343 (see inset).

Catalog Number 307

Shipping Weight 5 1/2 lbs.

Price \$11.20

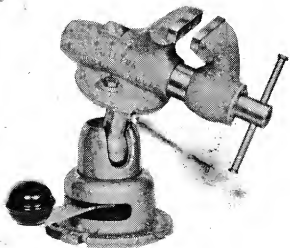
WILTON POWRARM-VISE COMBINATIONS



THE "VEEP" COMBINATION

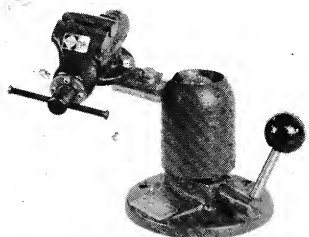
This combination is ideal for speeding up electronic or similar light assembly. The "364" gives ample working weight capacity plus the dependability of a Wilton low-cost Utility Vise.

Vises No. 20N and 354 are furnished with smooth steel jaws. Vises No. 250N and 300N are furnished with serrated steel jaws, unless otherwise specified. Combinations include connecting brackets where required.



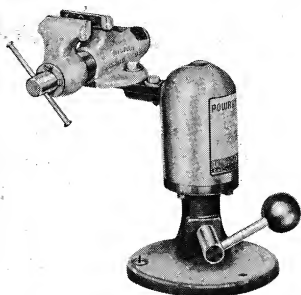
THE "JUNIOR" COMBINATION

Designed for electronic, aircraft or other light assembly, the "Junior" offers about twice the work-weight capacity as the "Veep." PowRarm handle functions horizontally, and gives fast on-off action. Vise has great locking strength and utmost accuracy.



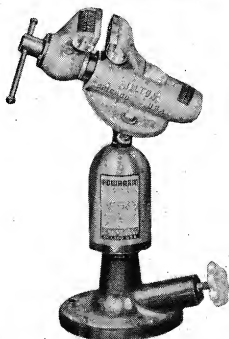
"LOW-BOY" COMBINATIONS

Use of "Low-Boy" with 3 choices of Wilton Precision Vises brings work closer to the bench, makes operations less fatiguing. PowRarm has fast on-off action, making possible rapid vise positioning.



"MECHANICAL" COMBINATIONS

Intended for rapid mass production lines, the "Mechanical" positioner has conveniently located, fast-acting on-off handle. Workload to 70 lbs. Same wide selection of vises as "Low-Boy" combinations.



"HYDRAULIC" COMBINATIONS

Heavy assembly production or tool room work is made easy with the "303's" hydraulic action . . . workload capacity, 150 lbs. Work can be repositioned under partial tension.

Catalog Number of Combinations	Description of Vise	Jaw Width of Vise	Approx. Shipping Weight	List Prices
364	Utility Vise No. 354	2 1/4"	5 lbs.	\$13.93
341	Jewelers' Vise No. 20N	2"	8 lbs.	29.70
3112	Jewelers' Vise No. 20N	2"	14 lbs.	39.80
3115	Machinists' Vise No. 250N	2 1/2"	20 lbs.	50.90
3113	Machinists' Vise No. 300N	3"	34 lbs.	57.90
3012	Jewelers' Vise No. 20N	2"	17 lbs.	44.50
3015	Machinists' Vise No. 250N	2 1/2"	24 lbs.	55.60
3013	Machinists' Vise No. 300N	3"	37 lbs.	62.60
3032	Jewelers' Vise No. 20N	2"	19 lbs.	59.40
3035	Machinists' Vise No. 250N	2 1/2"	26 lbs.	70.50
3033	Machinists' Vise No. 300N	3"	39 lbs.	77.50



WILTON

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